

## SPRINT – 2

**DATE: 17-11-2022**

**TEAM ID: PNT2022TMID19635**

**PROJECT: IoT BASED SAFETY GADGET FOR CHILD  
SAFETY MONITORING AND NOTIFICATION**

**MAXIMUM MARKS: 4**

```
child.py - C:\Users\my pc\Desktop\child.py (3.11.0)
File Edit Format Run Options Window Help

import json
import wiotp.sdk.device
import time

myConfig = {
    "identify": {
        "orgId": "fy2vxg",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    name = "Sri Eshwar College of Engineering"
    #in area location

    #latitude= 17.4225176
    #longitude= 78.5458842

    #out area location

    latitude= 17.4219272
    longitude= 78.5488783
    myData={'name':name,'lat':latitude,'lon':longitude}
    client.publishEvent(eventId="Status",msgformat="json",data=myData,,qos=0,onPublish=None)
    print("Data published to IM IoT platform:",myData)
```

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    client.publishEvent(eventId="Status",msgformat="json",data=myData,,qos=0,onPublish=None)
    print("Data published to IM IoT platform:",myData)
    time.sleep(5)

client.disconnect
```

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	["namechild":"72","latitude":24,"longitude":12]	json	a few seconds ago
event_1	["namechild":"81","latitude":11,"longitude":0]	json	a few seconds ago
event_1	["namechild":"63","latitude":55,"longitude":72]	json	a few seconds ago
event_1	["namechild":"72","latitude":90,"longitude":91]	json	a few seconds ago
event_1	["namechild":"2","latitude":95,"longitude":51]	json	a few seconds ago